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Forest Insect Laboratory
445 U. S. Court House
Portland, Oregon
July 14, 1942

Dr. Don C. Mote
Entomologist
Oregon State College
Corvallis, Oregon

(filed with correspondence re manuscript)

Dear Dr. Mote:

Reference is made to the request in your letter of July 2, 1942, for our records on the distribution of the satin moth in Oregon and the distribution and effectiveness of the parasites of this moth.

Enclosed please find a summary of the notes made chiefly by Webber, Furniss, and Young. As you will see, all of these were made prior to 1939. We do not have definite records of the activities of the satin moth since 1938, but general observations made from time to time indicate that the satin moth has been quiescent in both Oregon and Washington since that time. The infestations of the satin moth appear to have been confined to the Willamette Valley, for scouting as far south as Ashland failed to reveal any signs of infestation in 1937.

Trusting that this summary will serve your purpose, I am

Sincerely yours,

Senior Entomologist

Enclosure

JMWhiteside:RWO

DISTRIBUTION OF THE SATIN MOTH IN OREGON

Location of Infestation	Observer	Date	Host Tree
Albany	J. P. Young	6/21/35	Populus alba
Astoria	R. T. Webber	1935	" "
Beaverton	J. P. Young	7/2/35	" "
	R. L. Furniss	4/10/38	" "
Clackamas	J. P. Young	6/19/35	" "
			Populus nigra var.
			Salix babylonica
Clatskanie	R. L. Furniss	7/20/35	Populus alba
Deer Island	R. L. Furniss	7/19/35	" "
	J. A. Beal	8/26/34	" "
	J. S. Wieman	6/9/35	" "
Gervais	R. L. Furniss	4/10/38	" "
Halsey	C. A. Cole	6/15/38	" "
	R. L. Furniss	6/20/35	" "
Hillsboro	J. P. Young	4/10/38	" "
			Populus nigra var.
McMinnville	J. P. Young	6/20/35	Populus canadensis var.
	R. L. Furniss	4/10/38	Populus nigra var.
			Populus alba
Monmouth	R. L. Furniss	4/10/38	" "
Philomath	J. P. Young	6/22/35	" "
	J. P. Young	6/22/35	" "
Portland	R. L. Furniss	6/8/38	Populus nigra var.
Portsmouth	J. P. Young	7/2/35	Populus alba
Rainier	R. L. Furniss	6/15/35	Populus canadensis var.
Salem	J. P. Young	6/20/35	Populus nigra
			Populus alba
Sandy	J. P. Young	6/19/35	" "
Scappoose	R. L. Furniss	7/15/35	" "

PARASITES RECOVERED FROM THE SATIN MOTH (STILPNOTIA SALICIS Linn.)

Recovered parasite	Locality of collection	Remarks
Apanteles solitarius Ratz.	Oregon: Beaverton, Gervais, Hillsboro Washington: Longview, Chehalis, Centralia, Yelm, Greendale, E.Greendale, Lakeview, Eatonville, Tacoma, Puyallup, Enumclaw, Medina, Kirkland, N.Bend, Everett, Marysville, Silvana, Stanwood, Mt.Vernon, Burlington, Anacartes, Bellingham	An introduced parasite that has become established in western Washington and central and western Oregon and is abundant enough to show apparent effect. It is found wherever S. salicis is found.
Compsilura concinnata Meig.	Washington: Olympia, E.Greendale, Lakeview, Tacoma, N.Tacoma, Puyallup, Sumner, Enumclaw, Renton, Medina, Kirkland, Houghton, N.Bend, Redmond, Burlington	An introduced parasite that has become well established and abundant at Tacoma.
Meteorus versicolor (Wesmael)	Washington: Greendale, E.Greendale, Puyallup, Sumner, Kent, Renton, Medina, Kirkland, Everett	An introduced parasite that has become established over a large area.
Eupteromalus nidulans Foerst.	Oregon: Monmouth Washington: Olympia, S. Bellingham	An introduced parasite colonized in Washington and now well established in Oregon
Tachinomyia similis Will.	General	A native parasite that has been recovered at nearly all observation points. By far the most important native parasite
Exorista mella Walker	Oregon: McMinnville Washington: Elma, Mossyrock, Chehalis, Centralia, Olympia, Tacoma, N.Tacoma, Puyallup, Sumner	A native parasite recovered from only a few points.

Recovered parasite	Locality of collection	Remarks
Hemiteles tenellus (Say)	Oregon: Hillsboro	
Dibrachys carus (Walker)	Oregon: Hillsboro	
Amblymerus verditor (Nort.)	Washington: Olympia	
Hypopteromalus percursor Gir.	Washington: Olympia	
Telenomus sp. (near gynophaliae Ashm.)	Washington: S. Bellingham	
Telenomus sp.	Washington: Redmond	Webber recovered a number of egg parasites, probably of this genus. Parasite confined to only a few eggs in 8 of 32 clusters.